

<b>Transmittal Letter To The United States</b> <b>Designated/Elected Office (DO/EO/US) Concerning A</b> <b>Filing Under 35 U.S.C. 371</b>		Attorney Docket: 27330U U.S. Application No.: <b>10/574501</b> Not Yet Assigned
International Application: <b>PCT/IB2005/002168</b>	International Filing Date: <b>18 July 2005</b>	Priority Date Claimed: <b>23 July 2004</b>
Title of Invention: <b>AXIAL IMPELLER WITH ENHANCED FLOW</b>		
Applicants for DO/EO/US: SPAGGIARI, Alessandro		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b>		
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document in favor of <u>SPAL AUTOMOTIVE S.r.l.</u> of Correggio, ITALY for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</li> </ol>		

U.S. Application No. <b>10/574501</b> Not Yet Assigned		International Application: <b>PCT/IB2005/002168</b>		Attorney Docket: 27330U	
<p>20. <input checked="" type="checkbox"/> Other items or information: Transmittal Letter; International Publication Number: WO 2006/011036 A1; International Publication Date: 2 February 2006, which consists of 22 pages: 1 page for the Cover Sheet, with Abstract, 10 pages of Textual Specification, 1 page of Reference Characters, 6 pages of 21 Claims, 4 sheets of Drawings; <b>Preliminary Amendment, with Attachment A, to be Examined</b>; Executed Declaration and Power of Attorney; Executed Assignment, with a Recordation Cover Sheet; Information Disclosure Statement; PTO Form-1449, with 4 cited References; Copies for 3 of the 4 cited References; PCT/ISA/210 (International Search Report); PCT/ISA/237 (Written Opinion of the International Searching Authority); PCT/IB/301 (Notification of Receipt of Record Copy); PCT/IB/304 (Notification Concerning Submission or Transmittal of Priority Document); PCT/IB/308 (First Notice Informing the Applicant of the Communication of the International Application); PCT/RO/101 (Request); Postcard for Early Notification of the Serial Number Request.</p>					
The following fees are submitted:				<u>CALCULATION</u>	<u>PTO USE ONLY</u>
21. <input checked="" type="checkbox"/> Basic National Fee (37 CFR 1.492(a))..... \$ 300.00				\$ 300.00	
<p>22. <input checked="" type="checkbox"/> Examination Fee (37 CFR 1.492 (c))          If the written opinion prepared by ISA/US or the International Preliminary Examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....\$ 0.00          All other situations ..... \$ 200.00</p>				\$ 200.00	
<p>23. <input checked="" type="checkbox"/> Search Fee (37 CFR 1.492(b))          If the written opinion of the ISA/US or the International Preliminary Examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$ 0.00          Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$ 100.00          International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....\$ 400.00          All other situations ..... \$ 500.00</p>				\$ 400.00	
<b>Total of 21, 22 and 23</b>				<b>\$ 900.00</b>	
<p>— Additional fee for specification and drawings filed in paper over 100 sheets (excluding Sequence listing or computer program listing filed in an electronic medium).          The fee is \$ 250.00 for each additional 50 sheets of paper or fraction thereof.</p>					
Total Sheets	Extra Sheets	# of each additional 50	RATE		
31-100 =	0/50 =	0	X \$250	\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 0.00	
CLAIMS	# FILED	# EXTRA	RATE		
TOTAL	21-20=	1	X \$50	\$ 50.00	
INDEPENDENT	1-3=	0	X \$200	\$ 0.00	
Multiple dependent claims (if applicable) + \$360				\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 950.00</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. Fees above are reduced by 1/2.					
<b>SUBTOTAL =</b>				<b>\$ 475.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 475.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 515.00</b>	
				Amount to be: refunded	\$
				Amount to be: charged	\$

U.S. Application No.:  
Not Yet Assigned**167574501**International Application:  
PCT/IB2005/002168

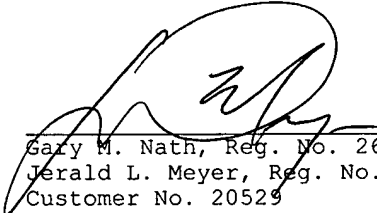
Attorney Docket: 27330U

- a. ☒ Two checks in the amounts of \$ 475.00 and \$ 40.00 to cover the above fees are enclosed.
- b. ☐ Please charge my Deposit Account Number: 14-0112 in the amount of \$ \_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)
- c. ☒ The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account Number: 14-0112.
- d. ☐ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit Card Information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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IAP15 Rec'd PCT/PTO 03 APR 2006

MAIL STOP PCT

Attorney Docket: 27330U

Date: April 3, 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SPAGGIARI

Art Unit: Unknown

Examiner: Unknown

Appl. No.: Not Yet Assigned

Filed: April 3, 2006

International Application: PCT/IB2005/002168

International Filing Date: July 18, 2005

Title: AXIAL IMPELLER WITH ENHANCED FLOW

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- 1) Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371;
- 2) International Publication Number: WO 2006/011036 A1; International Publication Date: 2 February 2006, which consists of 22 pages:
  - 1 page for the Cover Sheet, with Abstract,
  - 10 pages of Textual Specification,
  - 1 page of Reference Characters,
  - 6 pages of 21 Claims,
  - 4 sheets of Drawings;
- 3) Preliminary Amendment, with Attachment A, to be Examined;
- 4) Executed Declaration and Power of Attorney;
- 5) Executed Assignment, with a Recordation Cover Sheet;
- 6) Information Disclosure Statement;
- 7) PTO Form-1449, with 4 cited References;
- 8) Copies for 3 of the 4 cited References;
- 9) PCT/ISA/210 (International Search Report);
- 10) PCT/ISA/237 (Written Opinion of the International Searching Authority);
- 11) PCT/IB/301 (Notification of Receipt of Record Copy);
- 12) PCT/IB/304 (Notification Concerning Submission or Transmittal of Priority Document);
- 13) PCT/IB/308 (First Notice Informing the Applicant of the Communication of the International Application);
- 14) PCT/RO/101 (Request);
- 15) Check No.: 1907 in the Amount of \$ 475.00 for the Basic Filing Fee, which includes the Search and Examination Fees, as a Small Entity (\$450), with 1 Extra Claim over 20 Total Claims (\$25);
- 16) Check No.: 1908 in the Amount of \$ 40.00 for the Recordation of the Assignment Document;
- 17) Postcard for Early Notification of the Serial Number Request.

Respectfully submitted,  
NATH & ASSOCIATES PLLC

Gary M. Nath, Reg. No. 26,965  
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